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**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**

Applicant(s): Rajasekhar M. Rao et al.

Docket No.

2002-0092-01

Application No.  
10/676,907

Filing Date  
09/30/03

Examiner  
Unassigned

Group Art Unit  
2828

Invention: **GAS DISCHARGE MOPA LASER SPECTRAL ANALYSIS MODULE**

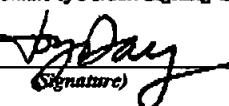
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I hereby certify that this Amendment Transmittal and Preliminary Amendment  
(Identify type of correspondence)

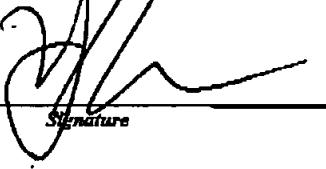
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(Signature)

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<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b> Applicant(s): Rajasekhar M. Rao et al.				Docket No. <b>2002-0092-01</b>	
Application No. <b>10/676,907</b>	Filing Date <b>09/30/03</b>	Examiner Unassigned	Customer No. <b>21773</b>	Group Art Unit <b>2828</b>	Confirmation No. <b>8067</b>
<b>Invention: GAS DISCHARGE MOPA LASER SPECTRAL ANALYSIS MODULE</b>					
<b>COMMISSIONER FOR PATENTS:</b>					
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
<b>TOTAL CLAIMS</b>	<b>CLAIMS REMAINING AFTER AMENDMENT</b>	<b>HIGHEST # PREV. PAID FOR</b>	<b>NUMBER EXTRA CLAIMS PRESENT</b>	<b>RATE</b>	<b>ADDITIONAL FEE</b>
<b>TOTAL CLAIMS</b>	<b>96 -</b>	<b>96 =</b>	<b>0 x</b>	<b>\$18.00</b>	<b>\$0.00</b>
<b>INDEP. CLAIMS</b>	<b>3 -</b>	<b>3 =</b>	<b>0 x</b>	<b>\$88.00</b>	<b>\$0.00</b>
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					
<b>\$0.00</b>					
<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> No additional fee is required for amendment.</li> <li><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</li> <li><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</li> <li><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 03-4060           <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</li> <li><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</li> </ul> </li> <li><input type="checkbox"/> Payment by credit card. Form PTO-2038.</li> </ul>					
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>					
 Signature					
Dated: November 1, 2004					
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" (37 CFR 1.8(a)) on <b>11/01/04</b> (Date)					
 Signature of Person Mailing Correspondence					
<b>Joy Day</b> Typed or Printed Name of Person Mailing Correspondence					

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## CERTIFICATE OF TRANSMISSION BY FACSIMILE

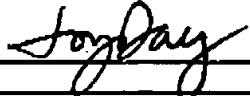
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Joy Day

(Printed Name)

(Signature)



Attorney Docket No. 2002-0092-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Rajasekhar M. Rao et al.

Serial No.: 10/676,907

Filing Date: September 30, 2003

Title: GAS DISCHARGE MOPA LASER  
SPECTRAL ANALYSIS MODULE

Examiner: Unassigned

Group Art Unit: 2828

Conf. No.: 8067

## PRELIMINARY AMENDMENT

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-identified patent application, please amend the application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 20 of this paper.